

CLAIMS

1 1. A cloned cDNA segment encoding a cell surface antigen
2 selected from the group consisting of CD1a, CD1b, CD1c,
3 CD2, CD6, CD7, CD13, CD14, CD16, CD19, CD20, CD22, CD26,
4 CD27, CD31, CD2w32a, CDw32b, CD33, CD34, CD36, CD37, CD38,
5 CD39, CD40, CD43, and functional derivatives thereof.

1 2. A substantially pure protein selected from the group
2 consisting of CD1a, CD1b, CD1c, CD2, CD6, CD7, CD13, CD14,
3 CD16, CD19, CD20, CD22, CD26, CD27, CD31, CD2w32a, CDw32b,
4 CD33, CD34, CD36, CD37, CD38, CD39, CD40, CD43, and
5 functional derivatives thereof.

1 3. Substantially pure protein having the amino acid sequence
2 shown in Figure 2, or a functional derivative thereof.

1 4. Substantially pure human CD2 antigen, or a functional
2 derivative thereof.

1 5. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Figure 2, or a functional derivative thereof.

1 6. Substantially pure human CD7 antigen, or a functional
2 derivative thereof.

1 7. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Figure 8, or a functional derivative thereof.

1 8. Substantially pure protein having the amino acid sequence
2 shown in Figure 8, or a functional derivative thereof.

1 9. Substantially pure CDw32a antigen, or a functional
2 derivative thereof.

1 10. Substantially pure CDw32b antigen, or a functional
2 derivative thereof.

1 11. Substantially pure CD20 antigen, or a functional derivative
2 thereof.

1 12. Substantially pure ~~CD19~~ antigen, or a functional derivative
2 thereof.

1 13. Substantially pure CD22 antigen, or a functional derivative
2 thereof.

1 14. Substantially pure ~~CD40~~ antigen, or a functional derivative
2 thereof.

1 15. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Figure 15, or a functional derivative thereof.

1 16. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Figure 16, or a functional derivative thereof.

1 17. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Figure 13, or a functional derivative thereof.

1 18. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Figure 12, or a functional derivative thereof.

1 19. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Table 4, or a functional derivative thereof.

1 20. Substantially pure cDNA comprising the nucleotide sequence
2 shown in Figure 17, or a functional derivative thereof.

1 21. Substantially pure protein having the amino acid sequence
2 shown in Figure 10, or a functional derivative thereof.

1 22. Substantially pure protein having the amino acid sequence
2 shown in Table 4, or a functional derivative thereof.

- 1 23. Substantially pure CD27 antigen, or a functional derivative
- 2 thereof.
- 1 24. Substantially pure cDNA comprising the nucleotide sequence
- 2 shown in Table 5, or a functional derivative thereof.
- 1 25. Substantially pure protein having the amino acid sequence
- 2 shown in Table 5, or a functional derivative thereof.

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